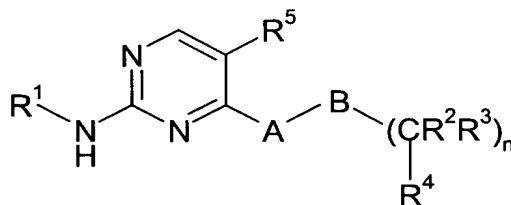


CLAIMS

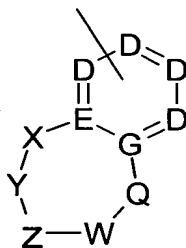
1. A compound of the formula 1



1

or a pharmaceutically acceptable salt, solvate, hydrate, or prodrug thereof,

wherein R<sup>1</sup> has the following formula 2



2

wherein each D is independently selected from the group consisting of CR<sup>8</sup> and N, with the proviso that R<sup>1</sup> is linked to NH group through a ring carbon atom;

wherein E and G are independently selected from the group consisting of N and C;

wherein X, W and Q are independently selected from the group consisting of N, O, S, SO<sub>2</sub>, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>;

wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, O, S, SO<sub>2</sub>, CO, NR<sup>3</sup>, CR<sup>2</sup> and CR<sup>2</sup>R<sup>3</sup>;

wherein A is present or absent, if present A is selected from the group consisting of O, S and NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO<sub>2</sub>, and NR<sup>6</sup>, with the proviso that when A is O or S that B is absent;

wherein n is an integer from 1 to 3;

wherein each R<sup>2</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, OC<sub>1</sub>-C<sub>6</sub> alkyl, OC<sub>3</sub>-C<sub>7</sub> cycloalkyl, OC<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, NH<sub>2</sub>, NHR<sup>6</sup>, NR<sup>6</sup>R<sup>7</sup>, SR<sup>6</sup>, SOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, CO<sub>2</sub>R<sup>6</sup>, CONH<sub>2</sub>, CONHR<sup>6</sup>, CONR<sup>6</sup>R<sup>7</sup>, SO<sub>2</sub>NH<sub>2</sub>, SO<sub>2</sub>NHR<sup>6</sup>, SO<sub>2</sub>NR<sup>6</sup>R<sup>7</sup>, NHCOR<sup>6</sup>, NR<sup>6</sup>CONR<sup>6</sup>, NHCONHR<sup>6</sup>, NR<sup>6</sup>CONHR<sup>6</sup>, NHCONR<sup>6</sup>R<sup>7</sup>, NR<sup>6</sup>CONR<sup>6</sup>R<sup>7</sup>, NHSO<sub>2</sub>R<sup>6</sup>, NR<sup>6</sup>SO<sub>2</sub>R<sup>6</sup>, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>,

5     $\text{NHR}^{10}$ ,  $\text{N}(\text{R}^{10})_2$ ,  $\text{OR}^{10}$ ,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{CO}_2\text{R}^{11}$ ,  $\text{CONH}_2$ ,  $\text{CONHR}^{11}$ , and  $\text{CONR}^{11}\text{R}^{12}$ ;

          wherein each  $\text{R}^3$  is independently selected from the group consisting of H,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{CO}_2\text{R}^6$ ,  $\text{CONH}_2$ ,  $\text{CONHR}^6$ ,  $\text{CONR}^6\text{R}^7$  or  $\text{R}^2$  and  $\text{R}^3$  taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring  
10    or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $\text{C}_1\text{-C}_6$  alkyl, CN,  $\text{NH}_2$ ,  $\text{NHR}^{10}$ ,  $\text{N}(\text{R}^{10})_2$ ,  $\text{OR}^{10}$ ,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$   
15    heterocycloalkyl,  $\text{CO}_2\text{R}^{11}$ ,  $\text{CONH}_2$ ,  $\text{CONHR}^{11}$ , and  $\text{CONR}^{11}\text{R}^{12}$ ;

          wherein  $\text{R}^4$  is selected from the group consisting of H,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{C}_6\text{-C}_{10}$  aryl, and 5-10 membered heteroaryl, the alkyl, cycloalkyl, heterocycloalkyl, aryl and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, OH,  $\text{NO}_2$ ,  $\text{C}_1\text{-C}_6$   
20    alkyl,  $\text{C}(\text{R}^6)=\text{CR}^6\text{R}^7$ ,  $\text{C}\equiv\text{CR}^6$ ,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{OC}_1\text{-C}_6$  alkyl,  $\text{OC}_3\text{-C}_7$  cycloalkyl,  $\text{OC}_4\text{-C}_7$  heterocycloalkyl,  $\text{C}=\text{N-OH}$ ,  $\text{C}=\text{N-O}(\text{C}_1\text{-C}_6 \text{ alkyl})$ ,  $\text{NH}_2$ ,  $\text{NHR}^6$ ,  $\text{NR}^6\text{R}^7$ ,  $\text{SR}^6$ ,  $\text{SOR}^6$ ,  $\text{SO}_2\text{R}^6$ ,  $\text{CO}_2\text{R}^6$ ,  $\text{CONH}_2$ ,  $\text{CONHR}^6$ ,  $\text{CONR}^6\text{R}^7$ ,  $\text{SO}_2\text{NH}_2$ ,  $\text{SO}_2\text{NHR}^6$ ,  $\text{SO}_2\text{NR}^6\text{R}^7$ ,  $\text{NHCOR}^6$ ,  $\text{NR}^6\text{CONR}^6$ ,  $\text{NHCONHR}^6$ ,  $\text{NR}^6\text{CONHR}^6$ ,  $\text{NHCONR}^6\text{R}^7$ ,  $\text{NR}^6\text{CONR}^6\text{R}^7$ ,  $\text{NHSO}_2\text{R}^6$ ,  $\text{NR}^6\text{SO}_2\text{R}^6$ , with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon  
25    atom bound to another heteroatom;

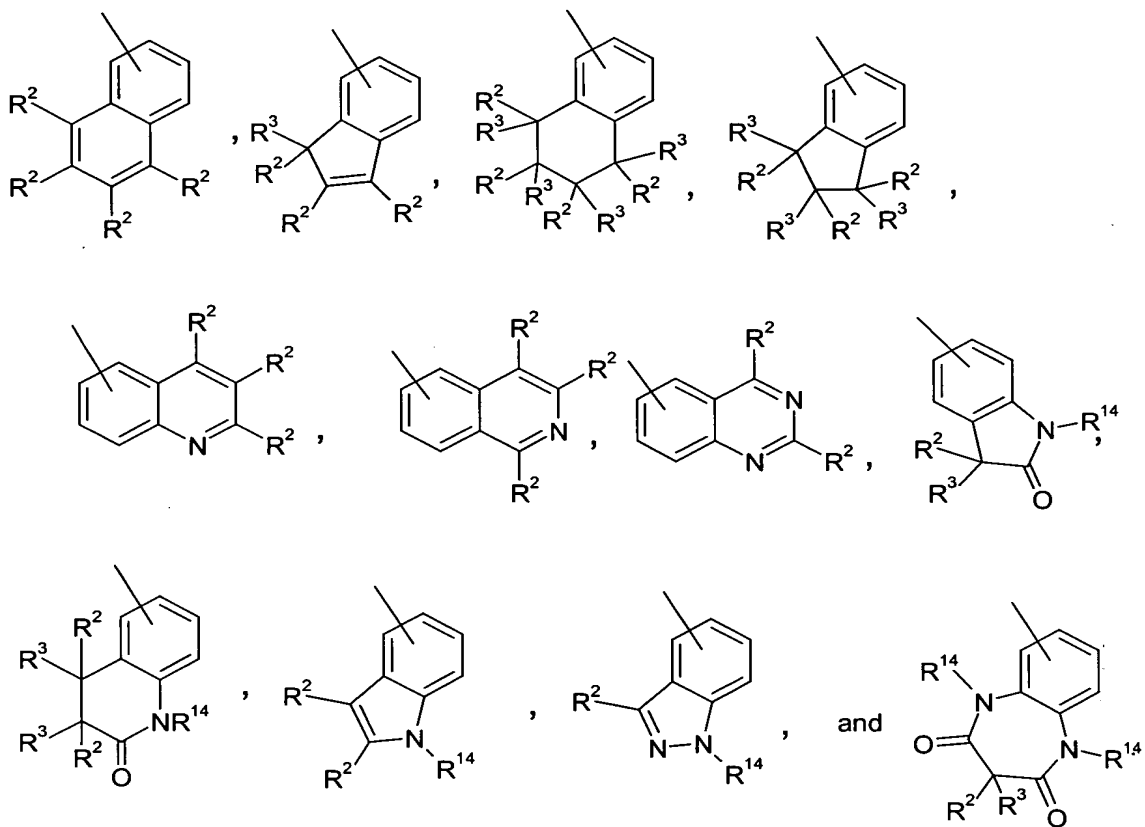
          wherein  $\text{R}^5$  is selected from the group consisting of H, Br, Cl, CN,  $\text{CF}_3$ ,  $\text{CH}_2\text{F}$ ,  $\text{CHF}_2$ ,  $\text{SO}_2\text{CH}_3$ ,  $\text{CONH}_2$ , cyclopropyl, cyclobutyl,  $\text{C}_6\text{H}_5$ ,  $\text{CONHR}^6$ ,  $\text{CONR}^6\text{R}^7$ ,  $\text{CO}_2\text{R}^6$ ,  $\text{C}(\text{R}^9)=\text{C}(\text{R}^9)_2$ , and  $\text{C}\equiv\text{CR}^9$ ;

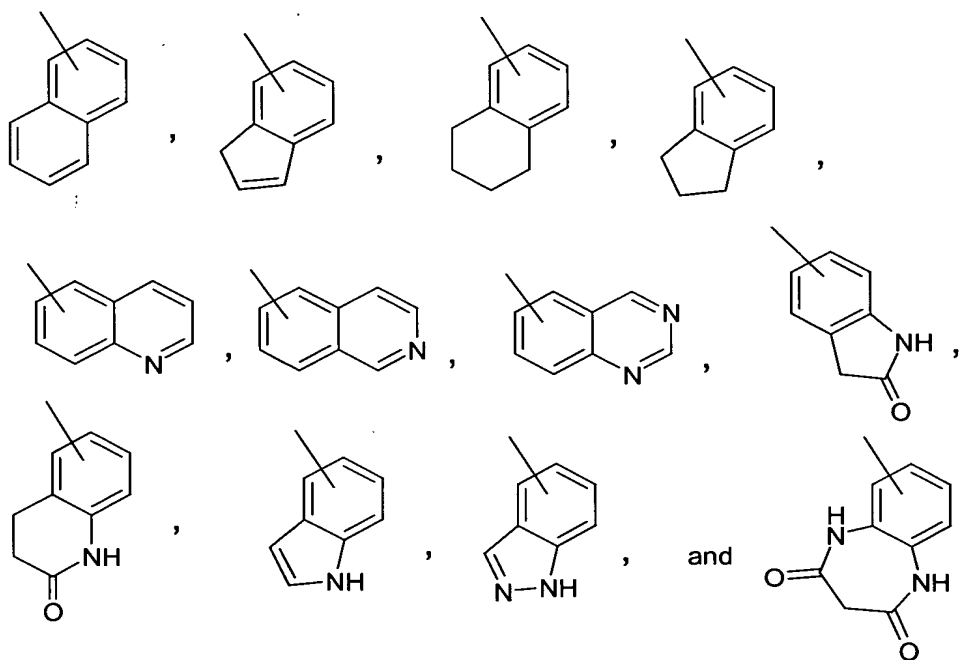
          wherein each  $\text{R}^6$  is independently selected from the group consisting of H,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{C}_6\text{-C}_{10}$  aryl, and 5-10 membered heteroaryl, said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $\text{C}_1\text{-C}_6$  alkyl, CN,  $\text{NH}_2$ ,  $\text{NHR}^{10}$ ,  $\text{N}(\text{R}^{10})_2$ ,  $\text{OR}^{10}$ ,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{CO}_2\text{R}^{11}$ ,  $\text{CONH}_2$ ,  $\text{CONHR}^{11}$ , and  $\text{CONR}^{11}\text{R}^{12}$ ;

35            wherein each  $\text{R}^7$  is independently selected from the group consisting of H,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  $\text{C}_6\text{-C}_{10}$  aryl, and 5-10 membered heteroaryl, said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $\text{C}_1\text{-C}_6$  alkyl, CN,  $\text{NH}_2$ ,  $\text{NHR}^{10}$ ,  $\text{N}(\text{R}^{10})_2$ ,  $\text{OR}^{10}$ ,  $\text{C}_1\text{-C}_6$  alkyl,  $\text{C}_3\text{-C}_7$  cycloalkyl,  $\text{C}_4\text{-C}_7$  heterocycloalkyl,  
40     $\text{CO}_2\text{R}^{11}$ ,  $\text{CONH}_2$ ,  $\text{CONHR}^{11}$ , and  $\text{CONR}^{11}\text{R}^{12}$ ;

- 5            wherein each  $R^8$  is independently selected from the group consisting of H, halo, cyano,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $OC_1$ - $C_6$  alkyl,  $OC_3$ - $C_7$  cycloalkyl,  $OC_4$ - $C_7$  heterocycloalkyl,  $NH_2$ ,  $NHR^6$ ,  $NR^6R^7$ ,  $SR^6$ ,  $SOR^6$ ,  $SO_2R^6$ ,  $CO_2R^6$ ,  $CONH_2$ ,  $CONHR^6$ ,  $CONR^6R^7$ ,  $SO_2NH_2$ ,  $SO_2NHR^6$ ,  $SO_2NR^6R^7$ ,  $NHCOR^6$ ,  $NR^6CONR^6$ ,  $NHCONHR^6$ ,  $NR^6CONHR^6$ ,  $NHCONR^6R^7$ ,  $NR^6CONR^6R^7$ ,  $NHSO_2R^6$ ,  $NR^6SO_2R^6$ , said alkyl, cycloalkyl, and heterocycloalkyl
- 10           moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $C_1$ - $C_6$  alkyl, CN,  $NH_2$ ,  $NHR^3$ ,  $N(R^3)_2$ ,  $OR^3$ ,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $CO_2R^6$ ,  $CONH_2$ ,  $CONHR^6$ , and  $CONR^6R^7$ ; and
- wherein each  $R^9$  is independently selected from the group consisting of H,  $CF_3$ , and  $C_1$ - $C_6$  alkyl, said  $C_1$ - $C_6$  alkyl is optionally substituted by 1 to 6 halo atoms;
- 15           wherein each  $R^{10}$  is independently selected from the group consisting of H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $CO_2R^{11}$ ,  $CONH_2$ ,  $CONHR^{11}$ ,  $CONR^{11}R^{12}$ ,  $SOR^{11}$ ,  $SO_2R^{11}$ ,  $SO_2NH_2$ ,  $SO_2NHR^{11}$ ,  $SO_2NR^{11}R^{12}$ ; said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $C_1$ - $C_6$  alkyl, CN,  $NH_2$ ,  $NHR^{13}$ ,  $N(R^{13})_2$ ,  $OR^{13}$ ,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$
- 20           cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $CO_2R^{14}$ ,  $CONH_2$ ,  $CONHR^{14}$ , and  $CONR^{14}R^{15}$ ;
- wherein each  $R^{11}$  is independently selected from the group consisting of H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $C_6$ - $C_{10}$  aryl,  $C_5$ - $C_{10}$  membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,
- 25            $C_1$ - $C_6$  alkyl, CN,  $NH_2$ ,  $NHR^{13}$ ,  $N(R^{13})_2$ ,  $OR^{13}$ ,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $CO_2R^{14}$ ,  $CONH_2$ ,  $CONHR^{14}$ , and  $CONR^{14}R^{15}$ ;
- wherein each  $R^{12}$  is independently selected from the group consisting of H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $C_6$ - $C_{10}$  aryl,  $C_5$ - $C_{10}$  membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally
- 30           substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $C_1$ - $C_6$  alkyl, CN,  $NH_2$ ,  $NHR^{13}$ ,  $N(R^{13})_2$ ,  $OR^{13}$ ,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $CO_2R^{14}$ ,  $CONH_2$ ,  $CONHR^{14}$ , and  $CONR^{14}R^{15}$ ;
- wherein each  $R^{13}$  is independently selected from the group consisting of H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $CO_2R^{14}$ ,  $CONH_2$ ,  $CONHR^{14}$ ,  $CONR^{14}R^{15}$ ,  $SOR^{14}$ ,
- 35            $SO_2R^{14}$ ,  $SO_2NH_2$ ,  $SO_2NHR^{14}$ ,  $SO_2NR^{14}R^{15}$ ;
- wherein each  $R^{14}$  is independently selected from the group consisting of H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_7$  cycloalkyl,  $C_4$ - $C_7$  heterocycloalkyl,  $C_6$ - $C_{10}$  aryl,  $C_5$ - $C_{10}$  membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,
- 40            $C_1$ - $C_6$  alkyl, CN,  $NH_2$ ,  $NH$   $C_1$ - $C_6$ alkyl,  $N(C_1$ - $C_6$ alkyl) $_2$ ,  $O$ - $C_1$ - $C_6$  alkyl; and

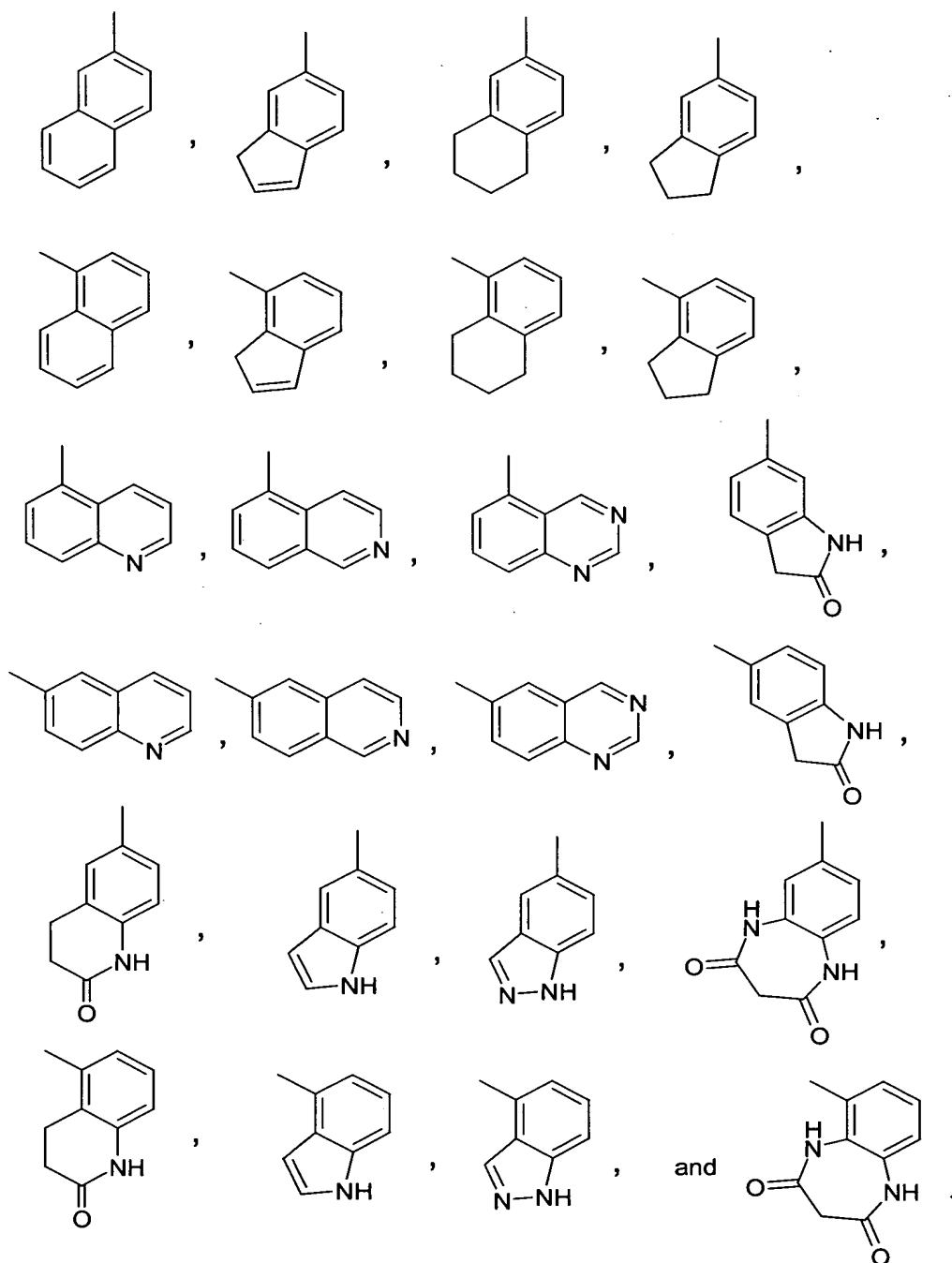
- 5            wherein each  $R^{15}$  is independently selected from the group consisting of H,  $C_1-C_6$  alkyl,  $C_3-C_7$  cycloalkyl,  $C_4-C_7$  heterocycloalkyl,  $C_6-C_{10}$  aryl,  $C_5-C_{10}$  membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $C_1-C_6$  alkyl, CN,  $NH_2$ ,  $NH$   $C_1-C_6$ alkyl,  $N(C_1-C_6alkyl)_2$ ,  $O-C_1-C_6$  alkyl.
- 10           2.        A compound according to claim 1, wherein E and G are independently selected from the group consisting of N and C;
- wherein X, W and Q are independently selected from the group consisting of N, O, CO,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ ; and
- wherein Y and Z are independently present or absent, if present Y and Z are selected  
15        from the group consisting of N, O, CO,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ .
3.        A compound according to claim 2, wherein E and G are independently selected from the group consisting of N and C;
- wherein X, W and Q are independently selected from the group consisting of N, CO,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ ; and
- 20           wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, CO,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ .
4.        A compound according to claim 3, wherein E and G are C;
- wherein X, W and Q are independently selected from the group consisting of N, CO,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ ; and
- 25           wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, CO,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ .
5.        A compound according to claim 4, wherein E and G are C;
- wherein X, W and Q are independently selected from the group consisting of N,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ ; and
- 30           wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N,  $NR^3$ ,  $CR^2$  and  $CR^2R^3$ .
6.        A compound according to claim 5, wherein  $R^2$  is selected from the group consisting of:





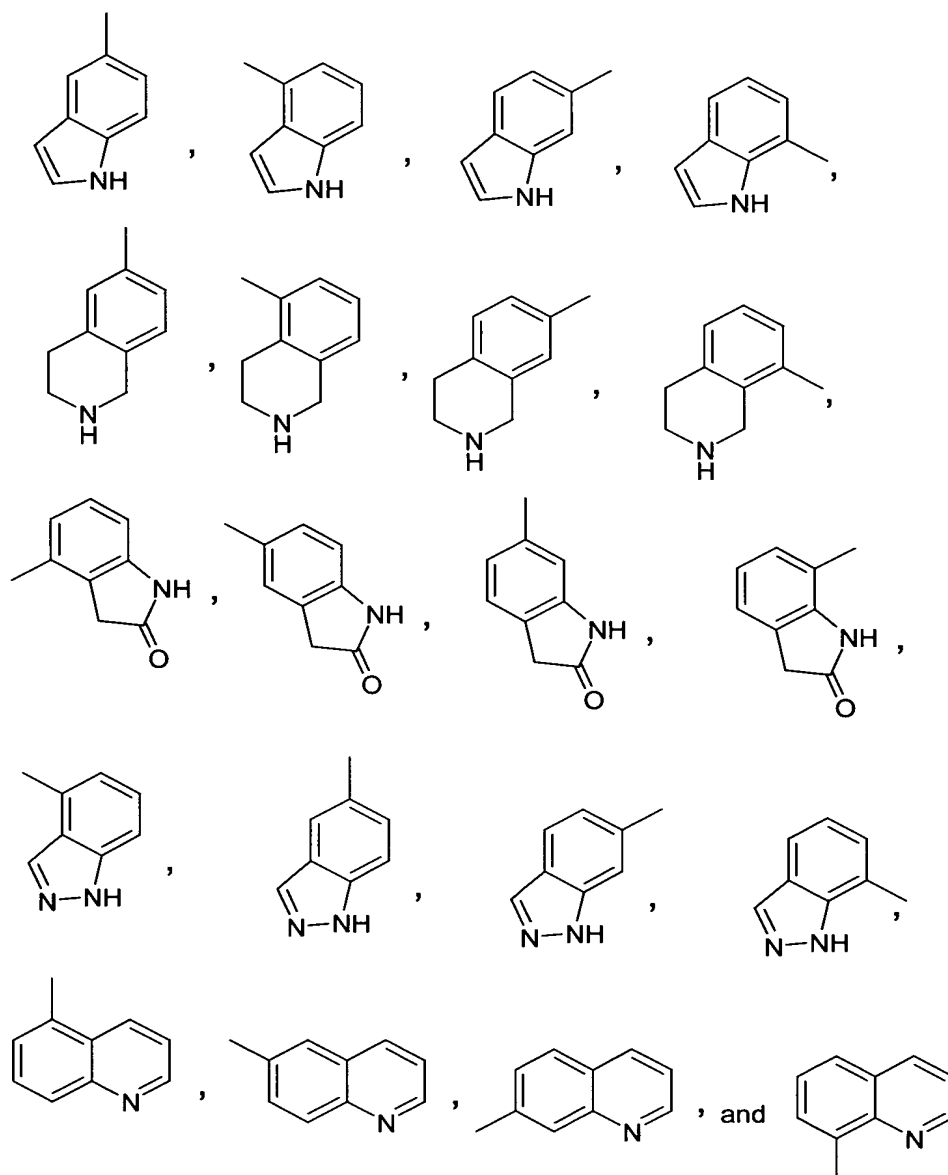
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9. A compound according to claim 5, wherein  $R^2$  is selected from the group consisting of:



5

10. A compound according to claim 6, wherein  $R^2$  is selected from the group consisting of:



5

11. The compound according to claim 1, wherein wherein A is present or absent, if present A is selected from the group consisting of O and NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO<sub>2</sub>, and NR<sup>6</sup>, with the proviso that when A is O that B is absent.

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12. The compound according to claim 11, wherein wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO<sub>2</sub>, and NR<sup>6</sup>.



- 5           13. The compound according to claim 12, wherein wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is selected from the group consisting of CO and NR<sup>6</sup>.
14.     The compound according to claim 13, wherein wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is CO.
- 10          15.     The compound according to claim 14, wherein wherein A is present or absent, if present A is NH and wherein B is absent.
16.     The compound according to claim 15, wherein wherein A is NH and wherein B is absent.
17.     The compound according to claims 1, and 11-16 wherein each R<sup>2</sup> is  
15 independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, OC<sub>1</sub>-C<sub>6</sub> alkyl, OC<sub>3</sub>-C<sub>7</sub> cycloalkyl, OC<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, NH<sub>2</sub>, NHR<sup>6</sup>, NR<sup>6</sup>R<sup>7</sup>, SR<sup>6</sup>, SOR<sup>6</sup>, SO<sub>2</sub>R<sup>6</sup>, CO<sub>2</sub>R<sup>6</sup>, CONH<sub>2</sub>, CONHR<sup>6</sup>, CONR<sup>6</sup>R<sup>7</sup>, NHCOR<sup>6</sup>, NR<sup>6</sup>CONR<sup>6</sup>, NHCONHR<sup>6</sup>, NR<sup>6</sup>CONHR<sup>6</sup>, NHCONR<sup>6</sup>R<sup>7</sup>, NR<sup>6</sup>CONR<sup>6</sup>R<sup>7</sup>, NHSO<sub>2</sub>R<sup>6</sup>, NR<sup>6</sup>SO<sub>2</sub>R<sup>6</sup>, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another  
20 heteroatom, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>; and
- wherein each R<sup>3</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl,  
25 C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>6</sup>, CONH<sub>2</sub>, CONHR<sup>6</sup>, CONR<sup>6</sup>R<sup>7</sup> or R<sup>2</sup> and R<sup>3</sup> taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups  
30 are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>.
18.     The compound according to claim 17 wherein each R<sup>2</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub> heterocycloalkyl,  
35 OC<sub>1</sub>-C<sub>6</sub> alkyl, OC<sub>3</sub>-C<sub>7</sub> cycloalkyl, OC<sub>4</sub>-C<sub>7</sub> heterocycloalkyl, NH<sub>2</sub>, NHR<sup>6</sup>, NR<sup>6</sup>R<sup>7</sup>, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C<sub>1</sub>-C<sub>6</sub> alkyl, CN, NH<sub>2</sub>, NHR<sup>10</sup>, N(R<sup>10</sup>)<sub>2</sub>, OR<sup>10</sup>, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, C<sub>4</sub>-C<sub>7</sub>  
40 heterocycloalkyl, CO<sub>2</sub>R<sup>11</sup>, CONH<sub>2</sub>, CONHR<sup>11</sup>, and CONR<sup>11</sup>R<sup>12</sup>; and

5            wherein each  $R^3$  is independently selected from the group consisting of H,  $C_1-C_6$  alkyl,  $C_3-C_7$  cycloalkyl,  $C_4-C_7$  heterocycloalkyl,  $CO_2R^6$ ,  $CONH_2$ ,  $CONHR^6$ ,  $CONR^6R^7$  or  $R^2$  and  $R^3$  taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally  
10 replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,  $C_1-C_6$  alkyl, CN,  $NH_2$ ,  $NHR^{10}$ ,  $N(R^{10})_2$ ,  $OR^{10}$ ,  $C_1-C_6$  alkyl,  $C_3-C_7$  cycloalkyl,  $C_4-C_7$  heterocycloalkyl,  $CO_2R^{11}$ ,  $CONH_2$ ,  $CONHR^{11}$ , and  $CONR^{11}R^{12}$ .

19.        The compound according to claim 1, wherein  $R^4$  is selected from the group  
15 consisting of H,  $C_1-C_6$  alkyl,  $C_6-C_{10}$  aryl, and 5-10 membered heteroaryl, the alkyl, aryl and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, OH,  $NO_2$ ,  $C_1-C_6$  alkyl,  $C(R^6)=CR^6R^7$ ,  $C\equiv CR^6$ ,  $C_3-C_7$  cycloalkyl,  $C_4-C_7$  heterocycloalkyl,  $OC_1-C_6$  alkyl,  $OC_3-C_7$  cycloalkyl,  $OC_4-C_7$  heterocycloalkyl,  $C=N-OH$ ,  $C=N-O(C_1-C_6 \text{ alkyl})$ ,  $NH_2$ ,  $NHR^6$ ,  $NR^6R^7$ ,  $SR^6$ ,  $SOR^6$ ,  $SO_2R^6$ ,  $CO_2R^6$ ,  
20  $CONH_2$ ,  $CONHR^6$ ,  $CONR^6R^7$ ,  $SO_2NH_2$ ,  $SO_2NHR^6$ ,  $SO_2NR^6R^7$ ,  $NHCOR^6$ ,  $NR^6CONR^6$ ,  $NHCONHR^6$ ,  $NR^6CONHR^6$ ,  $NHCONR^6R^7$ ,  $NR^6CONR^6R^7$ ,  $NHSO_2R^6$ ,  $NR^6SO_2R^6$ , with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom.

20.        The compound according to claim 19, wherein  $R^4$  is selected from the group  
25 consisting of H,  $C_1-C_6$  alkyl, and  $C_6-C_{10}$  aryl, wherein the alkyl, and aryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, OH,  $NO_2$ ,  $C_1-C_6$  alkyl,  $C(R^6)=CR^6R^7$ ,  $C\equiv CR^6$ ,  $C_3-C_7$  cycloalkyl,  $C_4-C_7$  heterocycloalkyl,  $OC_1-C_6$  alkyl,  $OC_3-C_7$  cycloalkyl,  $OC_4-C_7$  heterocycloalkyl,  $C=N-OH$ ,  $C=N-O(C_1-C_6 \text{ alkyl})$ ,  $NH_2$ ,  $NHR^6$ ,  $NR^6R^7$ ,  $SR^6$ ,  $SOR^6$ ,  $SO_2R^6$ ,  $CO_2R^6$ ,  $CONH_2$ ,  $CONHR^6$ ,  $CONR^6R^7$ ,  
30  $SO_2NH_2$ ,  $SO_2NHR^6$ ,  $SO_2NR^6R^7$ ,  $NHCOR^6$ ,  $NR^6CONR^6$ ,  $NHCONHR^6$ ,  $NR^6CONHR^6$ ,  $NHCONR^6R^7$ ,  $NR^6CONR^6R^7$ ,  $NHSO_2R^6$ ,  $NR^6SO_2R^6$ , with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom.

21.        The compound according to claim 1, wherein  $R^5$  is selected from the group  
consisting of H, Br, Cl, CN,  $CF_3$ ,  $CH_2F$ ,  $CHF_2$ ,  $SO_2CH_3$ ,  $CONH_2$ ,  $C_6H_5$ ,  $CONHR^6$ ,  $CONR^6R^7$ ,  
35  $CO_2R^6$ ,  $C(R^9)=C(R^9)_2$ , and  $C\equiv CR^9$ .

22.        The compound according to claim 21, wherein  $R^5$  is selected from the group  
consisting of H, Br, Cl, CN,  $CF_3$ ,  $CH_2F$ ,  $CHF_2$ ,  $SO_2CH_3$ ,  $CONH_2$ , and  $C_6H_5$ .

23.        The compound according to claim 22, wherein  $R^5$  is selected from the group  
consisting of H, Br, Cl, CN,  $CF_3$ ,  $CH_2F$ ,  $CHF_2$ ,  $SO_2CH_3$ , and  $CONH_2$ .

40        24.        A compound according to claim 1 selected from the group consisting of:

- 5 5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-p-tolyl-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-pyridin-2-yl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-pyridin-2-ylmethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 10 N<sup>4</sup>-Benzyl-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-(1R-phenyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 15 5-Bromo-N<sup>4</sup>-(1rac-phenyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-(1S-phenyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 4-((5-Bromo-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-4-ylamino)-methyl)-benzenesulfonamide
- 20 5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(4-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-(4-methoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 25 5-Bromo-N<sup>4</sup>-(4-fluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-(3-fluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-naphthalen-1-ylmethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 30 5-Bromo-N<sup>4</sup>-(4-fluoro-3-trifluoromethyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-(3-fluoro-5-trifluoromethyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 35 5-Bromo-N<sup>4</sup>-(4-phenoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-(3,4-difluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(3-trifluoromethoxy-benzyl)-pyrimidine-2,4-diamine;
- 40

- 5 5-Bromo-N<sup>4</sup>-(4-chloro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-thiophen-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-furan-2-ylmethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
10 5-Bromo-N<sup>4</sup>-(2-methyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(3-methyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
15 5-Bromo-N<sup>4</sup>-(4-methyl-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(2-fluoro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
N<sup>4</sup>-Biphenyl-2-ylmethyl-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
20 N<sup>4</sup>-Biphenyl-3-ylmethyl-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(2-methoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
25 5-Bromo-N<sup>4</sup>-(3-methoxy-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
3-({5-Bromo-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-4-ylamino}-methyl)-N-methyl-benzamide  
5-Bromo-N<sup>4</sup>-(2-chloro-benzyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
30 5-Bromo-N<sup>4</sup>-phenethyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
35 5-Bromo-N<sup>4</sup>-(2-pyridin-4-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(2-pyridin-3-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-[2-(3-fluoro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-40 5-yl]-pyrimidine-2,4-diamine;

- 5 5-Bromo-N<sup>4</sup>-(2-phenyl-cyclopropyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(2-phenyl-cyclopropyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine; (homo-chiral)  
5-Bromo-N<sup>4</sup>-(2-phenyl-cyclopropyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine; (homo-chiral)
- 10 5-Bromo-N<sup>4</sup>-[2-(4-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-thiophen-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 15 5-Bromo-N<sup>4</sup>-[2-(2-fluoro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-[2-(2-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-[2-(2-methoxy-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 20 N<sup>4</sup>-(2-Benzo[1,3]dioxol-5-yl-ethyl)-5-bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N<sup>4</sup>-(3-phenyl-propyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 25 5-(5-Bromo-4-phenethylamino-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(2-chloro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-(4-Benzylamino-5-bromo-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(1-phenyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(3-phenyl-propylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 30 5-Bromo-N<sup>4</sup>-(2-methanesulfonyl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
N<sup>4</sup>-Benzyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
N<sup>4</sup>-Benzyl-N<sup>4</sup>-methyl-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 35 N<sup>4</sup>-Methyl-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
[4-(2-Phenyl-morpholin-4-yl)-pyrimidin-2-yl]-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-amine  
5-Methyl-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 40

- 5 5-Bromo-N<sup>2</sup>-(3-piperidin-4-yl-1H-indol-5-yl)-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>2</sup>-[1-methanesulfonyl-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>2</sup>-[1-methanesulfonyl-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-pyridin-2-yl-pyrimidine-2,4-diamine;
- 10 5-Bromo-N<sup>2</sup>-(2-pyridin-2-yl-ethyl)-N<sup>4</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 3-{4-(2-Pyridin-2-yl-ethylamino)-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-5-yl}-acrylic acid; ethyl ester;
- 15 5-{5-Bromo-4-[2-(3-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 5-Bromo-N<sup>4</sup>-[2-(3-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N<sup>4</sup>-[2-(3-chloro-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 20 5-{5-Bromo-4-[2-(4-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 5-Bromo-N<sup>4</sup>-[2-(4-methoxy-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 25 5-{5-Bromo-4-[2-(3-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 5-Bromo-N<sup>4</sup>-[2-(3-methoxy-phenyl)-ethyl]-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-[5-Bromo-4-(2-o-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 30 5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-o-tolyl-ethyl)-pyrimidine-2,4-diamine;
- 5-[5-Bromo-4-(2-m-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-m-tolyl-ethyl)-pyrimidine-2,4-diamine;
- 35 5-[5-Bromo-4-(2-p-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-Bromo-N<sup>2</sup>-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N<sup>4</sup>-(2-p-tolyl-ethyl)-pyrimidine-2,4-diamine;
- [5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-acetic acid;
- 40 5-{5-Bromo-4-[2-(3-trifluoromethyl-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

- 5 5-[4-(2-Biphenyl-4-yl-ethylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-{5-Bromo-4-[2-(3-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-{5-Bromo-4-[2-(2-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
10 2-one;  
5-{5-Bromo-4-[2-(2-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-{5-Bromo-4-[2-(4-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
15 5-{5-Bromo-4-[2-(4-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-{5-Bromo-4-[2-(2-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(3-phenyl-allylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
20 5-{5-Bromo-4-[(thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
6-{5-Bromo-4-[(thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(2,3-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
25 one;  
6-[5-Bromo-4-(2,3-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(2,5-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
30 one;  
6-[5-Bromo-4-(2,5-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
6-[5-Bromo-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
6-[5-Bromo-4-(2-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
35 5-[5-Bromo-4-(3-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
6-[5-Bromo-4-(3-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(4-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
40 indol-2-one;

- 5 6-[5-Bromo-4-(4-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(2-methoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(3-methoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(3-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 10 2-one;
- 5-[5-Bromo-4-[(thiazol-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-[5-Bromo-4-[(5-methanesulfonyl-thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 15 5-[5-Bromo-4-(2,3-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(2,3-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-[5-Bromo-4-(2,4-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(2,4-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Chloro-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 20 2-one;
- 5-Chloro-N2-(1-methyl-1H-indol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Chloro-N<sup>2</sup>-(1H-indazol-5-yl)-N<sup>4</sup>-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Chloro-N<sup>2</sup>-(1-methyl-1H-indol-5-yl)-N<sup>4</sup>-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 25 6-[5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-Chloro-N2-(1H-indazol-6-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Chloro-N2-(1H-indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- (5-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indazol-1-yl)-acetic acid; tert-butyl ester;
- 30 acid; tert-butyl ester;
- (6-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indazol-2-yl)-acetic acid; tert-butyl ester;
- 6-[4-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 35 N2-(1-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;
- (6-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indol-1-yl)-acetic acid; tert-butyl ester;
- N4-Pyridin-2-ylmethyl-N2-quinolin-5-yl-5-trifluoromethyl-pyrimidine-2,4-diamine;
- 40 2-(6-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indol-1-yl)-N-(2-methoxy-ethyl)-acetamide;



- 5            6-{5-Chloro-4-[(3-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
              (6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid;  
              (6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid; tert-butyl ester;
- 10           N2-(1H-Indazol-6-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;  
              (5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid; tert-butyl ester;  
              (6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid;
- 15           (5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid;  
              (5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid;
- 5-{5-Chloro-4-[(3-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 20           5-[5-Chloro-4-(3-methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
              6-[5-Chloro-4-(3-methyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
              5-[5-Chloro-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
              6-[5-Chloro-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 25           5-[5-Bromo-4-(2-methoxy-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
              5-[5-Chloro-4-(3-methyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
              6-{5-Chloro-4-[(4-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 5-(4-Benzylamino-5-chloro-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;
- 30           5-Bromo-N2-(1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
              5-Bromo-N2-(1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
              5-Bromo-N2-(1H-indol-4-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
              5-Bromo-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
              5-Bromo-N2-(1H-indazol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 35           5-Bromo-N2-(1H-indol-4-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
              5-Bromo-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
              N2-(1H-Indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
              N2-(1H-Indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
              N2-(1H-Indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 40           N2-(1H-Indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
              N2-(1H-Indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

- 5 N2-(1H-Indazol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-  
benzoimidazol-2-one;  
5-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-  
benzoimidazol-2-one;
- 10 5-{4-[(Pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-benzoimidazol-2-  
one;  
5-[4-(2-Pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-benzoimidazol-2-one;  
5-Bromo-N2-(1H-indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-  
15 one;  
5-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[4-(2-Pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-Bromo-N2-(2-methyl-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
N2-(2-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 20 N2-(1H-Indol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(2-methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
N2-(1H-Benzoimidazol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 25 N2-(1H-Benzoimidazol-5-yl)-5-bromo-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
3-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-yl]-3H-benzoimidazol-5-ylamine  
N2-(1H-Benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(2-methyl-1H-benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-  
diamine;
- 30 N2-(2-Methyl-1H-benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(2-methyl-1H-benzoimidazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-  
2,4-diamine;  
5-Bromo-N2-(2,3-dihydro-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-  
diamine;
- 35 N2-(2,3-Dihydro-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
N2-(1-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(2,3-dihydro-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 40 5-Fluoro-N4-pyridin-2-ylmethyl-N2-quinolin-6-yl-pyrimidine-2,4-diamine;  
5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-6-yl-pyrimidine-2,4-diamine;

- 5 5-Bromo-N2-(1H-indol-7-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indol-7-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indazol-4-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 10 5-Bromo-N2-(1H-indazol-4-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-6-yl-pyrimidine-2,4-diamine;  
5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-5-yl-pyrimidine-2,4-diamine;  
5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-5-yl-pyrimidine-2,4-diamine;  
6-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 15 5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-8-yl-pyrimidine-2,4-diamine;  
5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-8-yl-pyrimidine-2,4-diamine;  
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1H-indole-2-carboxylic acid; ethyl ester;  
6-[5-Bromo-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-
- 20 2-one;  
5-Bromo-N2-(1H-indazol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indazol-6-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 25 5-Bromo-N2-(1H-indazol-7-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1H-indazol-4-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;  
6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-3H-isobenzofuran-1-one;
- 30 N2-Benzothiazol-6-yl-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-2-methyl-1H-indole-3-carbonitrile  
5-Bromo-N4-pyridin-2-ylmethyl-N2-(1-pyridin-2-ylmethyl-1H-indazol-5-yl)-pyrimidine-2,4-diamine;
- 35 N2-(1-Benzyl-1H-indol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N4-pyridin-2-ylmethyl-N2-(1-pyridin-2-ylmethyl-1H-indol-5-yl)-pyrimidine-2,4-diamine;
- 40 N2-(1-Benzyl-1H-indazol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N2-(1-methyl-1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-Bromo-N4-(4-methyl-cyclohexyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5 5-Bromo-N4-(4-methyl-cyclohexyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Bromo-N4-cyclohexylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
1-(5-Fluoro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-yl)-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamine  
10 4-yl)-1H-indol-5-ylamine  
1-{5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-yl}-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamine  
5-Fluoro-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Fluoro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
15 one;  
5-Chloro-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;  
5-{5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
one;  
5-Fluoro-N4-(2-pyridin-2-yl-ethyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
20 pyrimidine-2,4-diamine;  
5-Chloro-N4-(2-pyridin-2-yl-ethyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Fluoro-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-[5-Fluoro-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
25 5-Chloro-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;  
5-[5-Chloro-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-{4-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
indol-2-one;  
5-{5-Methoxy-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
30 one;  
5-[5-Methoxy-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
one;  
5-[5-Methoxy-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
2-one;  
35 5-{5-Bromo-4-[(cyclohex-1-enylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
2-one;  
5-[5-Bromo-4-(methyl-pyridin-2-ylmethyl-amino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
indol-2-one;  
5-[5-Bromo-4-(4-methyl-cyclohexylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
40 one;

- 5 5-[5-Bromo-4-(4-methyl-cyclohexylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(cyclohexylmethyl-amino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
5-[5-Chloro-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 10 2-(2-Oxo-2,3-dihydro-1H-indol-5-ylamino)-4-[(pyridin-2-ylmethyl)-amino]-pyrimidine-5-carbonitrile  
5-{5-Methyl-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
N2-(1H-Indazol-5-yl)-5-methyl-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 15 5-Fluoro-N4-pyridin-2-ylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
5-Chloro-N4-pyridin-2-ylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
2-(2-Oxo-2,3-dihydro-1H-indol-5-ylamino)-4-(2-trifluoromethyl-benzylamino)-pyrimidine-5-carbonitrile
- 20 5-{4-[Methyl-(2-pyridin-2-yl-ethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
5-Bromo-N4-cyclohex-1-enylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;  
N2-(1H-Indazol-5-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;
- 25 5-[5-Trifluoromethyl-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
6-{2-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-4-ylamino}-1,3-dihydro-indol-2-one;  
5-[5-Bromo-4-(piperidin-4-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 30 5-[4-(1-Acetyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
2-(2-Oxo-2,3-dihydro-1H-indol-6-ylamino)-4-[(pyridin-2-ylmethyl)-amino]-pyrimidine-5-carbonitrile  
5-{4-[(3-Methyl-pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 35 6-{4-[(3-Methyl-pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;  
4-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-1-carboxylic acid; tert-butyl ester;
- 40 5-[5-Bromo-4-(1-methanesulfonyl-piperidin-4-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

- 5            5-[5-Bromo-4-(piperidin-3-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
             4-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-  
             1-carboxylic acid; ethylamide  
             3-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-  
             1-carboxylic acid; ethylamide
- 10           5-[4-(1-Benzoyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-  
             2-one;  
             6-[4-(3-Methanesulfonyl-benzylamino)-5-methoxy-pyrimidin-2-ylamino]-1,3-dihydro-  
             indol-2-one;  
             6-[4-(3-Methanesulfonyl-benzylamino)-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-  
15           dihydro-indol-2-one;  
             6-[4-(3-Methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;  
             5-[4-(1-Benzenesulfonyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-  
             dihydro-indol-2-one;  
             5-[4-(3-Methanesulfonyl-benzylamino)-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-  
20           dihydro-indol-2-one;  
             6-[5-Chloro-4-[(piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-  
             one;  
             6-[5-Chloro-4-[(1-methanesulfonyl-piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino]-  
             1,3-dihydro-indol-2-one;  
25           6-[5-Bromo-4-[(piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-  
             one;  
             6-[5-Bromo-4-[(1-methanesulfonyl-piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino]-  
             1,3-dihydro-indol-2-one;  
             5-[5-Fluoro-4-(3-methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-  
30           indol-2-one;  
             5-[5-Bromo-4-[(1-hydroxy-cyclohexylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-  
             indol-2-one; and pharmaceutically acceptable salt, prodrug, hydrate or solvate of the  
             aforementioned compounds
25.        A method for the treatment of abnormal cell growth in a mammal comprising  
35           administering to said mammal an amount of a compound of claim 1. that is effective in treating  
             abnormal cell growth.
26.        A method according to claim 25 wherein said abnormal cell growth is cancer.
27.        A method according to claim 26 wherein said cancer is selected from lung  
             cancer, bone cancer, pancreatic cancer, skin cancer, cancer of the head or neck, cutaneous or  
40           intraocular melanoma, uterine cancer, ovarian cancer, rectal cancer, cancer of the anal region,  
             stomach cancer, colon cancer, breast cancer, uterine cancer, carcinoma of the fallopian tubes,

5 carcinoma of the endometrium, carcinoma of the cervix, carcinoma of the vagina, carcinoma of  
the vulva, Hodgkin's Disease, cancer of the esophagus, cancer of the small intestine, cancer of  
the endocrine system, cancer of the thyroid gland, cancer of the parathyroid gland, cancer of the  
adrenal gland, sarcoma of soft tissue, cancer of the urethra, cancer of the penis, prostate  
cancer, chronic or acute leukemia, lymphocytic lymphomas, cancer of the bladder, cancer of the  
10 kidney or ureter, renal cell carcinoma, carcinoma of the renal pelvis, neoplasms of the central  
nervous system (CNS), primary CNS lymphoma, spinal axis tumors, brain stem glioma, pituitary  
adenoma, or a combination of one or more of the foregoing cancers.

27. A method for the treatment of cancer solid tumor in a mammal comprising  
administering to said mammal an amount of a compound of claim 1 that is effective in treating  
15 said cancer solid tumor.

28. The method according to claim 27, wherein said cancer solid tumor is breast,  
lung, colon, brain, prostate, stomach, pancreatic, ovarian, skin (melanoma), endocrine, uterine,  
testicular, and bladder.

29. A method for the treatment of abnormal cell growth in a mammal which  
20 comprises administering to said mammal an amount of a compound of claim 1 that is effective in  
treating abnormal cell growth in combination with an anti-tumor agent selected from the group  
consisting of mitotic inhibitors, alkylating agents, anti-metabolites, intercalating antibiotics, growth  
factor inhibitors, radiation, cell cycle inhibitors, enzymes, topoisomerase inhibitors, biological  
response modifiers, antibodies, cytotoxics, anti-hormones, and anti-androgens.

25 30. A pharmaceutical composition for the treatment of abnormal cell growth in a  
mammal comprising an amount of a compound of claim 1 that is effective in treating abnormal  
cell growth, and a pharmaceutically acceptable carrier.